

CONVENTIONAL BALUN TRANSFORMER

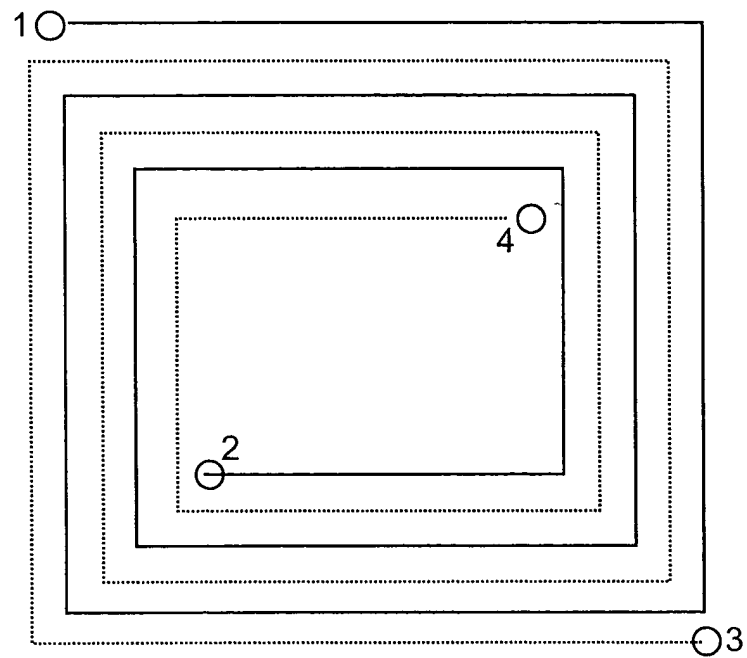
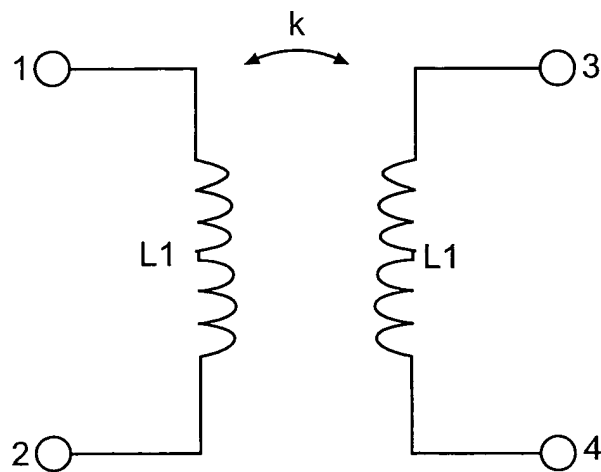


FIG. 1A



$$k = M / (L_1 \times L_2)^{1/2}$$

$$Z_{in} = Z_l \times (L_1 / L_2)$$

FIG. 1B

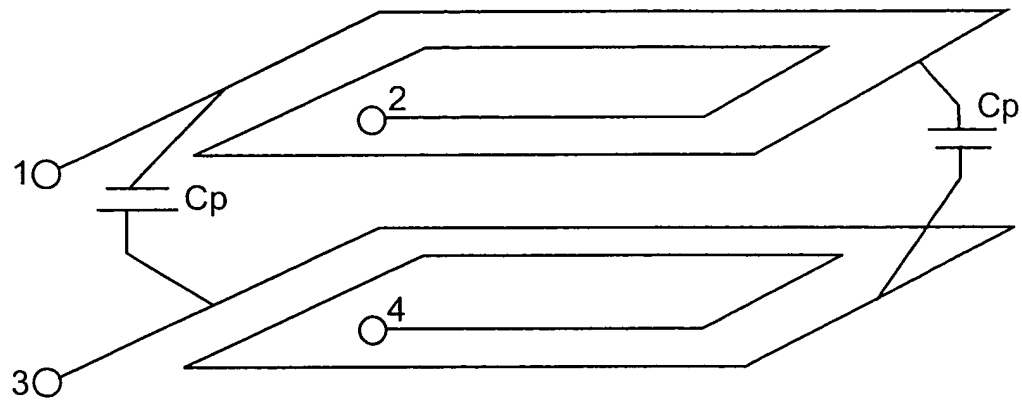


FIG. 2A

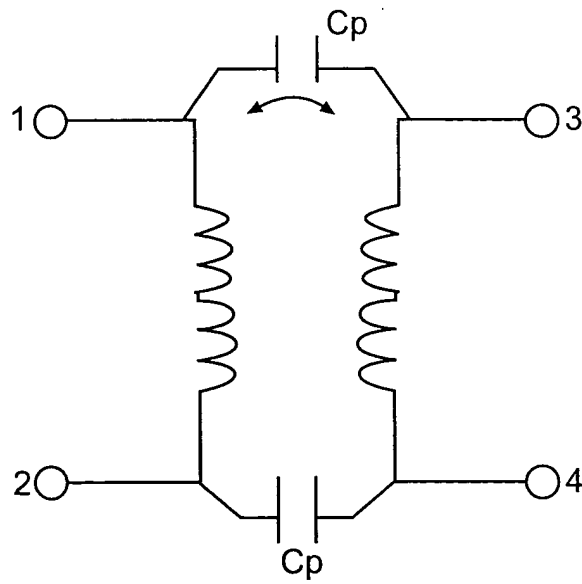


FIG. 2B

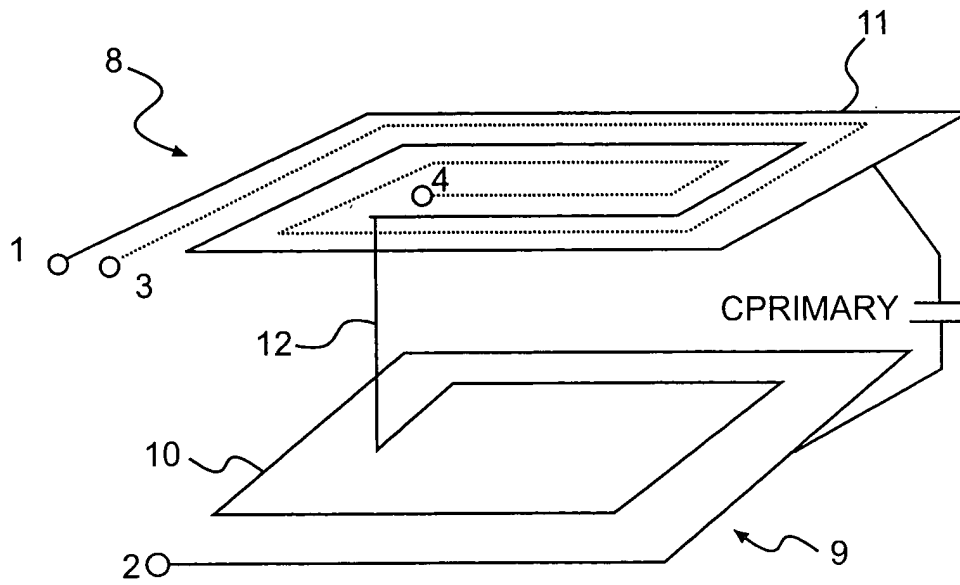


FIG. 3A

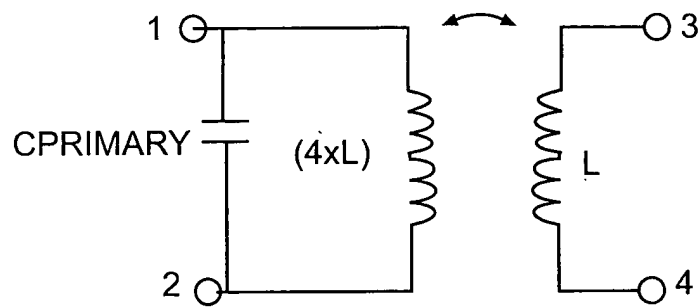


FIG. 3B

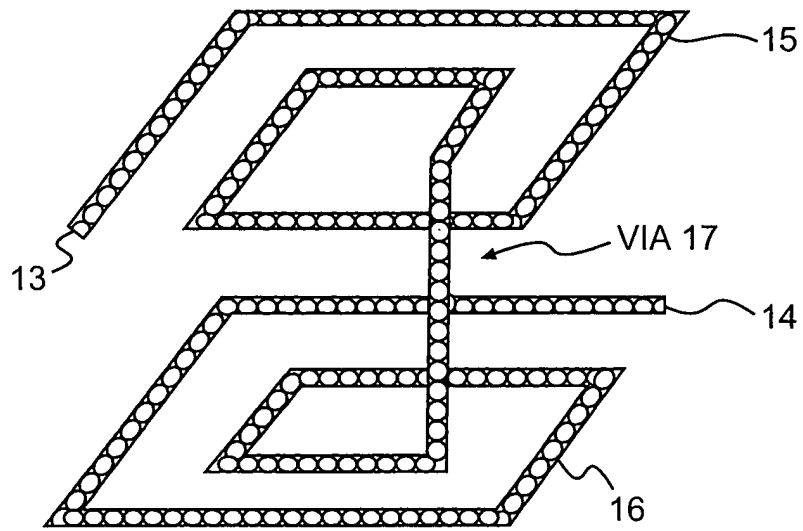


FIG. 4A

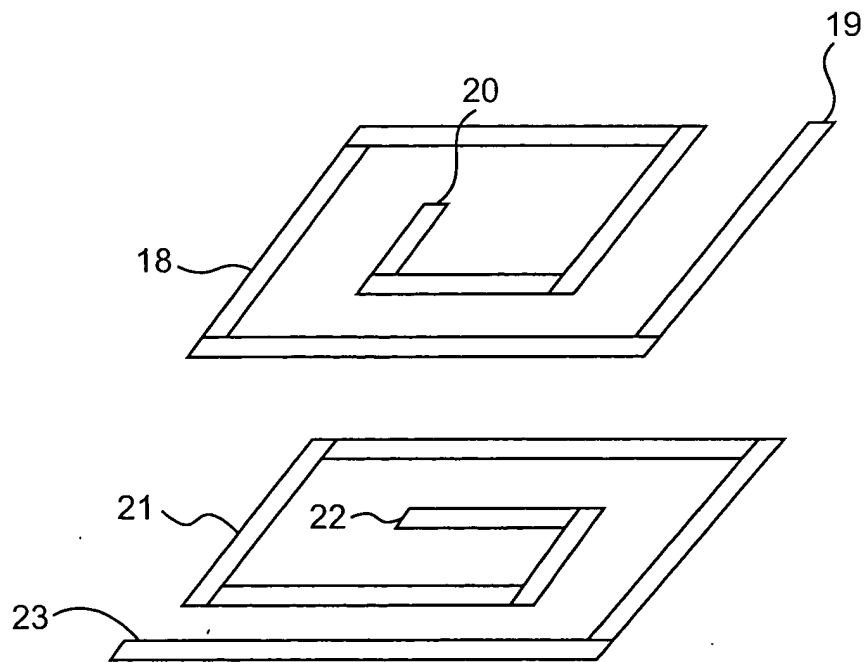


FIG. 4B

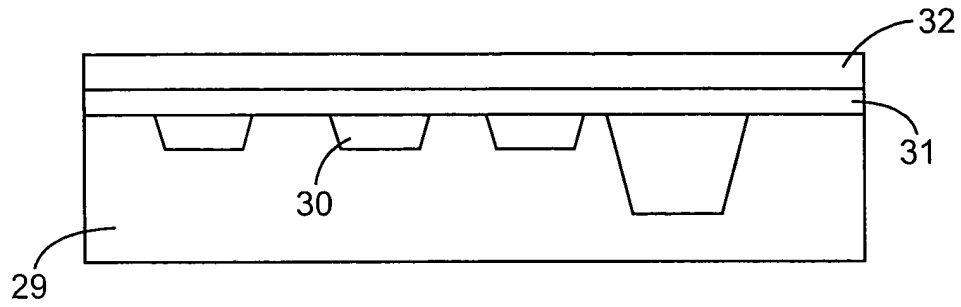


FIG. 5A

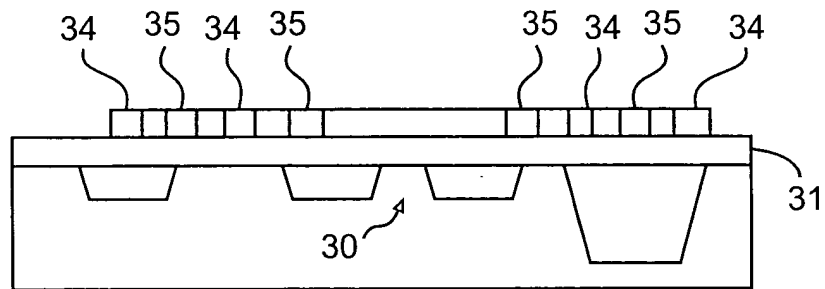


FIG. 5B

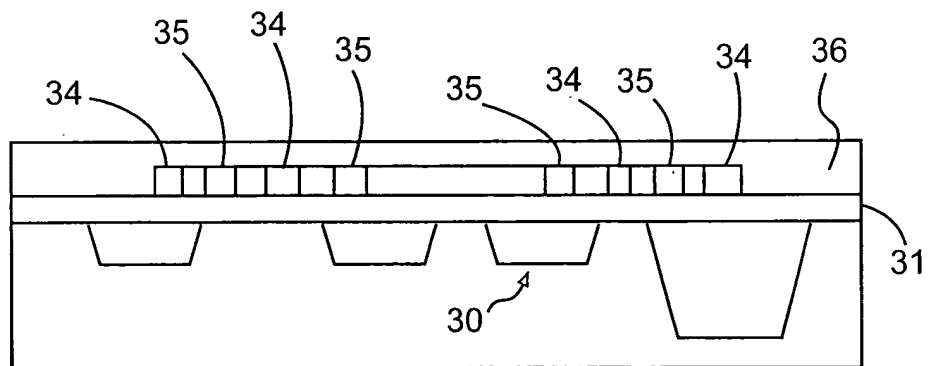


FIG. 5C

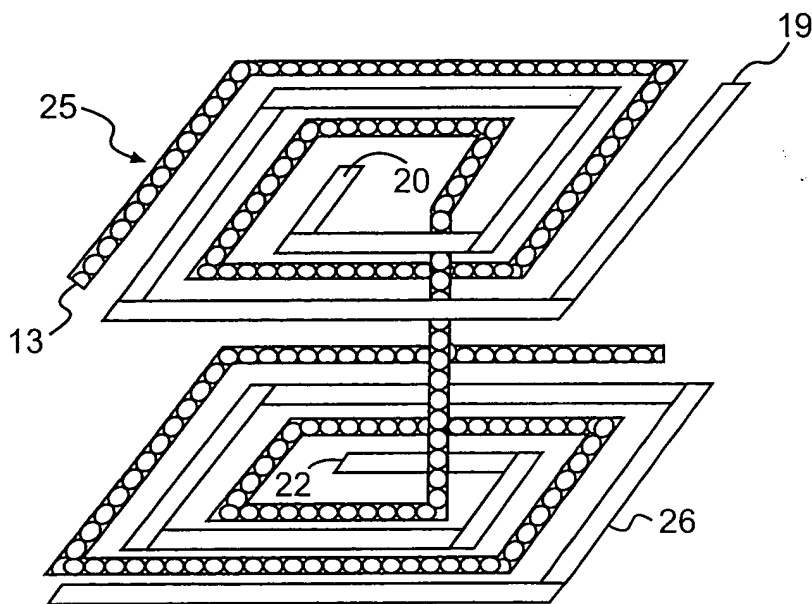


FIG. 4C

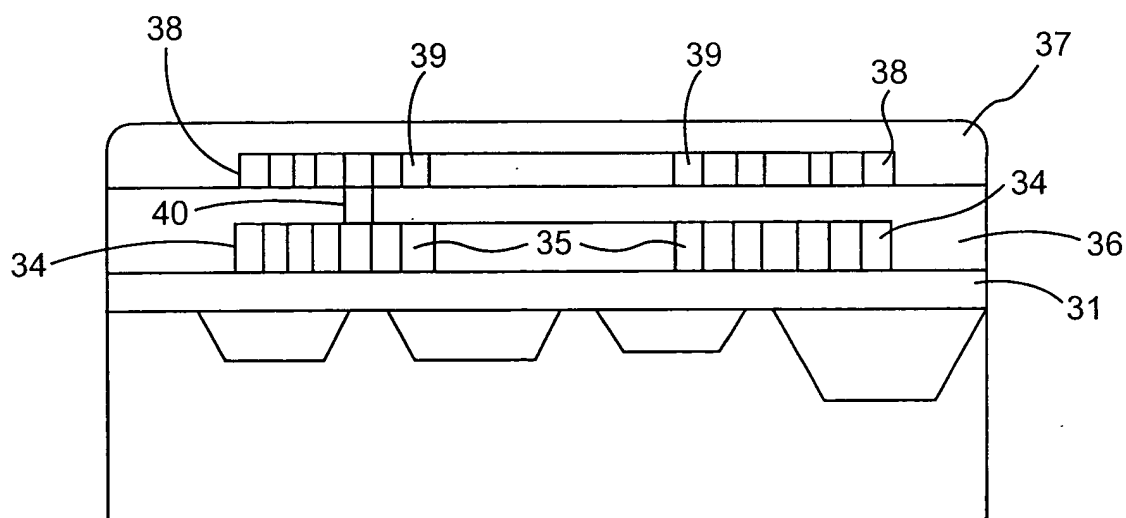


FIG. 5D